CLAIMS

WHAT IS CLAIMED IS:

1. A method for producing tapes in pairs for a final set of manufactured closing tapes on baby diapers comprising the following steps:

a) separating a web of material into at least four strips wherein at least two of said strips are formed as planar support tapes and at least two of said strips are formed as release tapes;

b) guiding said at least two release tapes separate from said at least two support tapes over a plurality of reversing stations;

c) laminating in a direction of transport a set of closing tapes to said at least two support tapes, said set of closing tapes comprising male or female closing elements;

d) folding each of said at least two release tapes into a short leg and a long leg; and

e) applying said release tapes to said support tapes in the direction of transport whereby said short leg is glued to said support tape and whereby said long leg at least partly covers said closing tape that is applied to said support tape.

2. The method as in claim 1, further comprising the step of separating said web of material into two outer strips and two inner strips, wherein said two outer strips are formed as said at least two support tapes and said two inner strips are said at least two release tapes.

3. The method as in claim 1, wherein said step of guiding said at least two release tapes comprises guiding said at least two release tapes via at least two reversing rollers which are aligned transversely in relation to the direction of transport of said at least two support tapes and wherein said at least two reversing rollers are spaced apart at a distance and set so that said at least two support tapes and said at least two release tapes merge in said step of applying said release tapes.

4. The method as in claim 1, further comprising the step of applying an adhesive to said web of material before said step of separating said web of material.

5. The method as in claim 1, wherein said web of material comprises a coating of silicone on an underside layer.

6. The method as in claim 3, further comprising the step of synchronously driving said at least two reversing rollers wherein a rotational speed of at least one of said reversing rollers is controlled, and wherein said web of material is tensioned between said at least two reversing rollers is tensioned by said controlled speed.

7. The method as in claim 6, wherein said set of closing tapes and said at least two release tapes are applied to a section of said at least two support tapes resting in the direction of transport against a periphery.

8. The method as in claim 1, further comprising the step of scoring said web of material, so that said step of

folding said at least two release tapes includes folding said at least two release tapes along said scoring lines.

9. A device for creating closing tapes from a web of material, for use on diapers comprising:

an unwind stand for unwinding the web of material;

a plurality of reversing rollers for receiving the web of material as it rolls over and past the reversing rollers;

a plurality of cutting blades for cutting said web of material into at least four different sections, with at least two sections forming support tapes and at least two sections forming release tapes;

at least one rerouting roller for rerouting said at least two release tapes away from said at least two support tapes;

at least one folding device for folding said at least two release tapes;

at least one recombination station for recombining said at least two release tapes with said at least two support tapes;

at least one deflector roller for receiving a feed of a plurality of closure tapes wherein said plurality of closure tapes are coupled to said at least two support tapes at said recombination station.

10. The device for creating closure tapes as in claim 9, further comprising at least one adhesive applicator disposed adjacent to but upstream from said plurality of cutting blades, said adhesive applicator for applying adhesive to the material web.

11. The device for creating closure tapes as in claim 9, further comprising at least one scoring roller disposed adjacent to at least one of said reversing rollers, for scoring the material web.

12. The device as in claim 9, wherein said at least one recombination station comprises at least one air pressure roller disposed adjacent to at least one of said

reversing rollers, said at least two air pressure rollers for applying pressure to said at least two release tapes and said at least two closure tapes to apply them to said at least two support tapes.

13. The device as in claim 9, further comprising at least one dancer roller for applying tension to the material web as it is being fed through the device.

14. The device as in claim 9, wherein said plurality of reversing rollers comprise a first set of least two reversing rollers positioned upstream from said plurality of cutting knives and a second set of least two reversing rollers positioned downstream from said at least two cutting knives.

15. The device as in claim 13, wherein said at least one dancer roller comprises at least two dancer rollers, with at least one dancer roller disposed adjacent to said unwind stand and at least one dancer roller disposed adjacent to said recombination station.

16. The device as in claim 9, wherein said at least one folding device comprises at least one folding roller for folding said at least two release tapes upstream from said recombination station.